

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1273132

Luminaire Tested: P3AS02R559830DE010 E3DLD1GPH

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1273132
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-34)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS02R559830DE010 E3DLD1GPH
Description: 3in Adjustable LED luminaire with, R55 optic, 3000K CCT AND, 98CRI , E3DLD1GPH TRIM
Light Source: -
Ballast/Driver: -

Summary

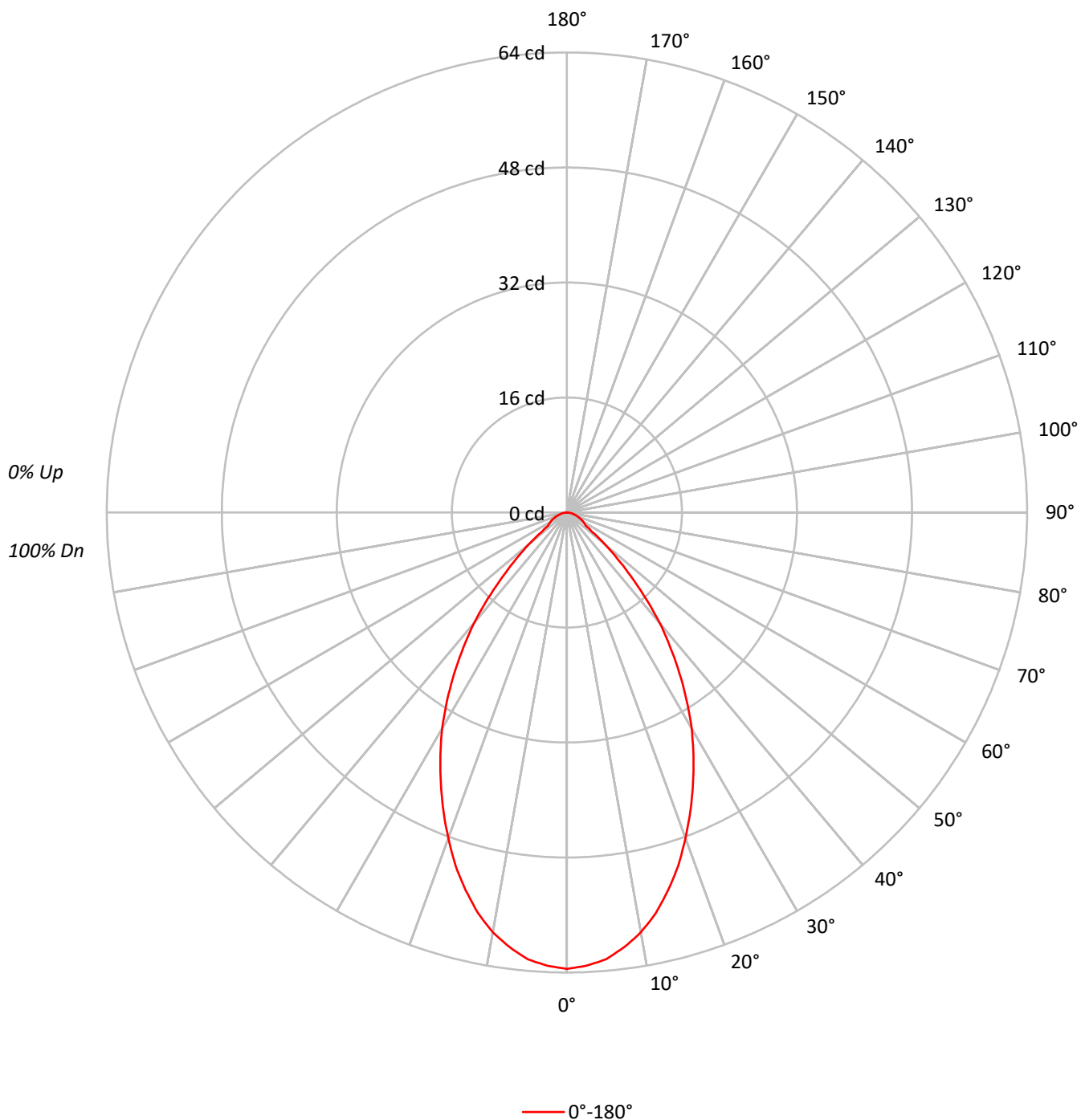
Lumens per Lamp: N/A
Luminaire Lumens: 74.0 lumens
Efficiency: N/A
Efficacy: 20.6 lumens/watt
Spacing Criteria (0/90/45): 0.91 / 0.91 / 0.97
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 3.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1273132

CATALOG NUMBER: P3AS02R559830DE010 E3DLD1GPH

Luminous Intensity Polar Plot



TEST NUMBER: P1273132

CATALOG NUMBER: P3AS02R559830DE010 E3DLD1GPH

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20
RC	80				70				50				30				10
RW	70	50	30	10	70	50	30	10	50	30	10		50	30	10		50
RCR																	
0	119	119	119	119	116	116	116	116	111	111	111		106	106	106		102
1	112	109	106	103	110	107	104	102	103	100	98		99	97	95		95
2	105	100	95	91	103	98	93	90	94	91	88		91	88	86		89
3	99	91	85	81	97	90	84	80	87	82	79		85	81	77		82
4	93	84	77	72	91	83	77	72	80	75	71		78	74	70		76
5	87	77	71	66	85	76	70	65	75	69	65		73	68	64		71
6	82	72	65	60	80	71	64	60	69	64	59		68	63	59		66
7	77	67	60	55	76	66	59	55	65	59	54		63	58	54		62
8	73	62	55	51	72	62	55	51	60	55	50		59	54	50		58
9	69	58	51	47	68	58	51	47	57	51	47		56	50	46		55
10	65	55	48	44	64	54	48	44	53	47	43		52	47	43		52

AVERAGE LUMINANCE (cd/sqm):

	0°
0°	13924
5°	13735
10°	13204
15°	12350
20°	11248
25°	10041
30°	8786
35°	7308
40°	5754
45°	3907
50°	2388
55°	1223
60°	1140
65°	1090
70°	1026
75°	847
80°	884
85°	755

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 45°

Luminance: 3907 cd/sqm

TEST NUMBER: P1273132

CATALOG NUMBER: P3AS02R559830DE010 E3DLD1GPH

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	5.9	7.9
10°-20°	15.2	20.5
20°-30°	19.0	25.7
30°-40°	17.0	23.0
40°-50°	9.9	13.4
50°-60°	3.4	4.6
60°-70°	2.1	2.8
70°-80°	1.1	1.6
80°-90°	0.3	0.5
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	40.1	54.2
0°-40°	57.1	77.1
0°-60°	70.4	95.2
0°-90°	74.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	74.0	100.0

CANDELA DISTRIBUTION:

	0°	Flux
0°	64	
5°	62	6
15°	54	15
25°	42	19
35°	27	17
45°	13	10
55°	3	3
65°	2	2
75°	1	1
85°	0	0
90°	0	

TEST NUMBER: P1273132

CATALOG NUMBER: P3AS02R559830DE010 E3DLD1GPH

CANDELA DISTRIBUTION (FULL):

0°	
0°	63.5
2.5°	63.1
5°	62.4
7.5°	61.0
10°	59.3
12.5°	57.1
15°	54.4
17.5°	51.5
20°	48.2
22.5°	44.9
25°	41.5
27.5°	38.1
30°	34.7
32.5°	31.0
35°	27.3
37.5°	23.6
40°	20.1
42.5°	16.3
45°	12.6
47.5°	9.6
50°	7.0
52.5°	4.5
55°	3.2
57.5°	2.9
60°	2.6
62.5°	2.4
65°	2.1
67.5°	1.8
70°	1.6
72.5°	1.3
75°	1.0
77.5°	0.9
80°	0.7
82.5°	0.4
85°	0.3
87.5°	0.2
90°	0.0

(END OF REPORT)